

Grover Cleveland Service Area (10N)
Milepost 92.9, Woodbridge Township, Middlesex County

1. Six (6) USTs are located at this facility; plan sheet enclosed.
2. USTs were installed on 8/26/93.
3. All USTs at this facility have a 10,000 gallon capacity of which five (5) tanks store gasoline and one (1) tank stores diesel.
4. Subtitle C of RCRA is not applicable; petroleum substances only are stored in the USTs.
5. (a) At this facility, the construction material of all tanks and piping is double wall fiberglass.
(b) Tank manufacturer: Xerxes
Piping manufacturer: Ameron
(c) Yes; UST system was upgraded pursuant to 40 C.F.R. 280.21
(d) The tanks are equipped with corrosion protection in accordance with 40 C.F.R. 280.20(a)(1), spill protection in accordance with 40 C.F.R. 280.20(c)(i), and overfill protection in accordance with 40 C.F.R. 280.20 (c)(ii)(A).
6. Piping system is pressurized.
7. The Veeder-Root Monitoring System is installed at this facility. The system is equipped with automatic tank sensors that will automatically shut down the fuel distribution pumps if leaks are detected. Pursuant to the NJTA operating contract with Sun Oil, if a leak is detected Sun Oil is obligated to notify the NJTA of such an event.
8. NJTA has requested on several occasions that Sun Oil provide this information to NJTA, but unfortunately Sun Oil has declined to do so as of the date of this response. Sun Oil's reasoning was that it had received a similar letter from the EPA requesting the same information, which Sun Oil has indicated was forwarded to the EPA. According to Sun Oil, recopying this information for the EPA would involve an enormous effort on their part which was considered unnecessary. Without obtaining such information from Sun Oil, NJTA cannot respond to this question. NJTA will continue its efforts to obtain such information from Sun Oil and will supply their response if necessary.

9. See response to question No. 8 above. In addition, contractor certification for tank tightness testing enclosed.
10. See response to question No. 9 above.
11. As indicated in 5.(a), all USTs are constructed of fiberglass-reinforced plastic. Please see enclosed shop drawings for spill and overfill equipment protection.
12. The UST system at this facility is not currently temporarily closed or out of service.
13. The current UST system at this facility was not temporarily closed or out of service between the time of installation and the present time.
14. The following UST system components were permanently closed by removal in accordance with 40 C.F.R. 280.71:

Two (2) 10,000 gallon steel diesel tanks; three (3) 10,000 gallon steel gasoline tanks, two (2) 10,000 gallon single wall FRP gasoline tanks and appurtenant steel gasoline/diesel piping removed on 10/20/93.

One (1) 550 gallon steel waste oil tank and appurtenant piping removed on 2/18/93.

The Authority conducted the required assessment of the excavation zone in accordance with NJDEP 7:14B-1 et. seq. and 7:26E et. seq., which are deemed no less stringent than the corresponding federal requirements at 40 C.F.R. 280.72.

Copies of the respective NJDEP Closure Approval Nos. C-92-2916, C-92-2917 and C-92-2268 are enclosed.

15. The Authority complies with the New Jersey Underground Storage of Hazardous Substances Act P.L. 1986, C. 102 (N.J.S.A. 58:10A) with amendments. Releases are investigated, reported and corrected in accordance with the requirements of subchapters N.J.A.C. 7:14B-7 and 8 of the regulations implementing N.J.S.A. 58:10A. The Authority is conducting a remedial investigation at this site in accordance with the Technical Requirements for Site Remediation (N.J.A.C. 7:26E).

NJDEP Case No.: 89-09-22-1101

16. At the present time there is no program in place for cleaning the USTs.
17. No USTs at this facility have been cleaned of sediments or scaled.

18. Brian F. Campbell, Manager, Buildings Division
James Zangari, Jr., Manager, Administration, Buildings Division
Lee E. Oakland, Manager, Environmental Quality & Resources
Judith G. Grant, Environmental Supervisor
Paul K. Bouzane, Environmental Assistant, Environmental Quality
& Resources
Timothy W. Foster, Assistant Equipment Manager
John Ferrandino, Chief Drafter
Raymond W. Ashworth, Manager, Patron Services
Peter Jaroszewski, Metcalf & Eddy (UST Consultant)

#14

UNDERGROUND STORAGE TANK SYSTEM CLOSURE APPROVAL

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL
PROTECTION AND ENERGY

DIVISION OF RESPONSIBLE PARTY SITE REMEDIATION
BUREAU OF UNDERGROUND STORAGE TANKS
CN-029, TRENTON, NJ 08625-0029

TMS# C-92-2917

UST# 0133166

NJ Turnpike Authority-10N
NJ Milepost 92.9
Sewaren, NJ

STA 10N

(Middlesex)

THE ABOVE LISTED FACILITY IS HEREBY GRANTED APPROVAL TO PERFORM
THE FOLLOWING ACTIVITY IN ACCORDANCE WITH N.J.A.C. 7:14B-1 et. seq.:

Removal of Two 10,000 unleaded gasoline UST's and associated piping.

SITE ASSESSMENT: soil samples will be taken every 5 ft along
the centerline of each tank. Samples will be analyzed for VO+10.
Two additional samples will be taken from around each tank biased
toward the two highest field screened areas.

ON-SITE MANAGER: Brian Cambell

609-426-6300
TELEPHONE:

OWNER:

TELEPHONE:

EFFECTIVE DATE: September 24, 1992

THIS FORM MUST BE DISPLAYED AT THE SITE DURING THE APPROVED
ACTIVITY AND MUST BE MADE AVAILABLE FOR INSPECTION AT ALL TIMES.

Michael S Kelly (for)

KEVIN F. KRATINA, ACTING BUREAU CHIEF
BUREAU OF UNDERGROUND STORAGE TANKS

#14

UNDERGROUND STORAGE TANK SYSTEM CLOSURE APPROVAL

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL
PROTECTION AND ENERGY

DIVISION OF RESPONSIBLE PARTY SITE REMEDIATION
BUREAU OF UNDERGROUND STORAGE TANKS
CN-029, TRENTON, NJ 08625-0029

C-92-2916

0133166

TMS #

UST #

NJ Turnpike Authority-10N
Milepost 92.9
Sewaren, NJ

S/A 10N

(Middlesex)

THE ABOVE LISTED FACILITY IS HEREBY GRANTED APPROVAL TO PERFORM
THE FOLLOWING ACTIVITY IN ACCORDANCE WITH N.J.A.C. 7:14B-1 et seq.:

REMOVAL OF: Three 10,000 gallon gasoline, and two 10,000 gallon #2
heating oil UST's and appurtenant piping.

SITE ASSESSMENT: Soil samples will be taken every five (5) feet
along the centerline of each tank and one sample every 15 feet
along all appurtenant piping. Two (2) additional samples will be
taken from the excavation and biased to the areas of highest
field screened readings. Samples associated with the gasoline
UST(s) will be analyzed for VO+10. Samples associated with the
diesel and/or heating oil UST(s) will be analyzed for TPHC. If
any samples are greater than 1,000 ppm then analyze 25% of the
samples for VO+10.

ON-SITE MANAGER: Brian Cambell

TELEPHONE: 609-426-6300

OWNER:

TELEPHONE:

EFFECTIVE DATE: September 24, 1992

THIS FORM MUST BE DISPLAYED AT THE SITE DURING THE APPROVED
ACTIVITY AND MUST BE MADE AVAILABLE FOR INSPECTION AT ALL TIMES.

Michael S Kelly (for)

KEVIN F. KRATINA, ACTING BUREAU CHIEF
BUREAU OF UNDERGROUND STORAGE TANKS

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UNDERGROUND STORAGE TANK SYSTEM CLOSURE APPROVAL

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL
PROTECTION AND ENERGY

DIVISION OF RESPONSIBLE PARTY SITE REMEDIATION
BUREAU OF UNDERGROUND STORAGE TANKS
CN-029, TRENTON, NJ 08625-0029
C-92-2268 0133166

TMS #

UST #

New Jersey Turnpike Authority
Grover Cleveland Service, Milepost 92.9 ~~South~~ 10N
Sewaren, NJ 07077

(Middlesex)

S/A 10N

E-9

THE ABOVE LISTED FACILITY IS HEREBY GRANTED APPROVAL TO PERFORM
THE FOLLOWING ACTIVITY IN ACCORDANCE WITH N.J.A.C. 7:14B-1 et seq.:

REMOVAL OF: One 550 gallon waste oil UST and appurtenant piping.

SITE ASSESSMENT: Soil samples will be taken every five (5) feet along the centerline of each tank and one sample every 15 feet along all appurtenant piping. Two (2) additional samples will be taken from the excavation and biased to areas of the highest field screened readings. Samples will be analyzed for TPHC and analyze 25% of the samples with ANY PHC result for VO+10, BN+15, PCB's, and Priority Pollutant Metals.

ON-SITE MANAGER: Brian Campbell

TELEPHONE: 609-426-6300

OWNER:

TELEPHONE:

EFFECTIVE DATE: August 3, 1992

THIS FORM MUST BE DISPLAYED AT THE SITE DURING THE APPROVED
ACTIVITY AND MUST BE MADE AVAILABLE FOR INSPECTION AT ALL TIMES.


KEVIN F. KRATINA, ACTING BUREAU CHIEF
BUREAU OF UNDERGROUND STORAGE TANKS

#9
UNICO
SERVICE CORP.

November 12, 1993

RECEIVED
APR 28 1994
METCALF & EDDY
FIELD

10N

New Jersey Turnpike Authority
P.O. Box 1121
New Brunswick, New Jersey 08903

Reference: Contract No. R-993A
Grover Cleveland Service Area
Middlesex, New Jersey

To Whom It May Concern:

This letter is to certify that all tank and line testing was performed in accordance with state and local standards.

Pre-installation testing was performed on six (6) 10,000 gallon tanks using a 5 pound pretest (above ground) Air/Soap Test. Same were performed and witnessed by James J. Tyree of Unico Service Corp., N.J. UST license number G0001079, expiration date February 28, 1995. This test was also witnessed by Ron Kantor of Metcalf & Eddy, Inc. construction engineers.

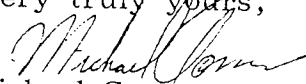
Inground installation was performed with backfill to top of tank. All piping was 5 pound Air/Soap tested. Testing was witnessed by James J. Tyree of Unico Service Corp. and Ron Kantor of Metcalf & Eddy, Inc.

All associated piping is one hundred percent complete. Backfill and line testing has been performed to termination.

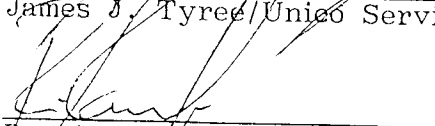
Air/Soap test also performed and witnessed by James J. Tyree of Unico Service Corp. and Ron Kantor of Metcalf & Eddy, Inc.

Secondary piping was 5 pound Air/Soap tested and witnessed by James J. Tyree of Unico Service Corp. and Ron Kantor of Metcalf & Eddy, Inc.

Very truly yours,


Michael Gomez
Vice President


James J. Tyree/Unico Service


Ron Kantor/Metcalf & Eddy

MG:mk
NJTA

SPILL CONTAINMENT MANHOLE

- RAIN TIGHT
- DUCTILE IRON CAST FRAME & COVER
- 5 GALLON CAPACITY
- BUILT IN TRANSFER PUMP FOR SPILLAGE

SCM 5

FOR THE LIFE OF YOUR
INSTALLATION

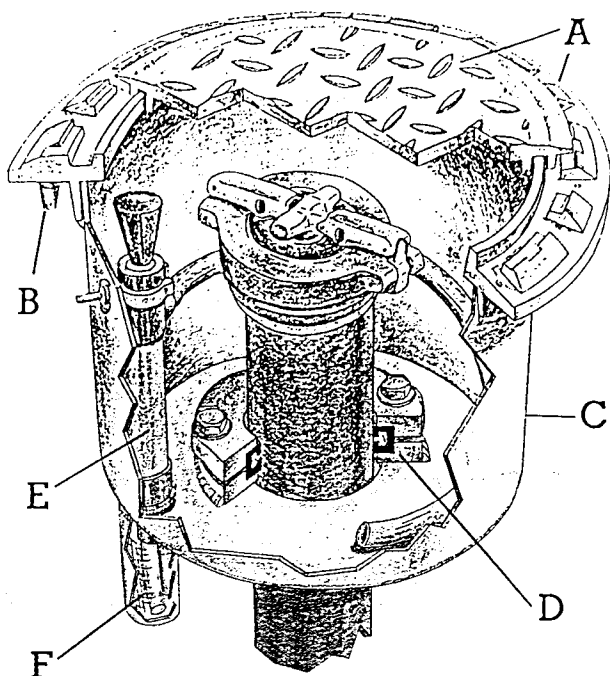


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PATENT NO. 4,655,361

FAIRFIELD INDUSTRIES, INC.

SCM 5 FEATURES:



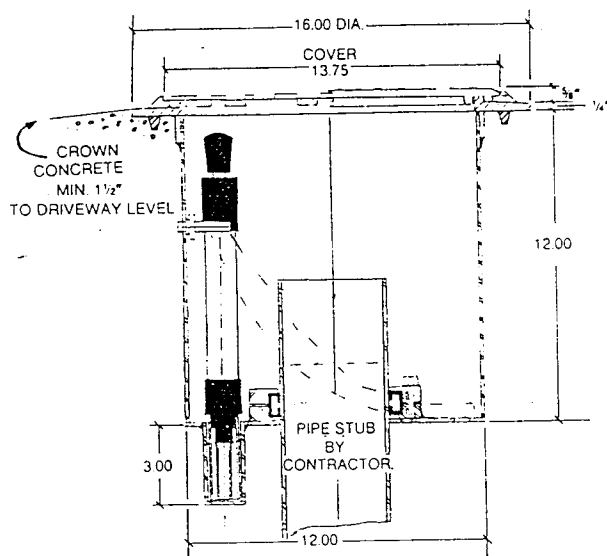
- A. Specially Designed Water Tight Frame & Cover Assembly Cast of Tough Durable Ductile Iron. Deters Surface Waters without the use of Gaskets or O-Rings.
- B. Ductile Iron Cast Concrete Anchors.
- C. 14 Gauge Stainless Steel 5 Gallon Container.
- D. Flexible, Double Sealing, Victaulic Buna-N Seal & Flange Assembly with Stainless Steel Bolts. Allows for Frost Heaving and Tilting with Grades.
- E. Hand Operated One Stroke Pump & Hose Assembly Made of Durable PVC Transfer of Spillage into Fill Pipe.
- F. Stainless Steel Sump.

ADDITIONAL FEATURES:

- Slides over Fill Pipes for Quick and Easy Installations
- No Deep Excavations
- No Cutting or Threading of Fill Pipes
- Does Not Interfere with Tank Integrity Tests
- Retrofits Economically
- Non-Corrosive Construction
- Long Term, Little or No Maintenance
- Can be Installed on Remote Fills

OPTIONAL FEATURES

- Pipe Sizes: STD. 4" Optional 2" and 3" Request Upon Ordering
- Chemical Resistant Seals & Pumps Available
- Larger Containment Capacities Available



SCM-15

(NOT SHOWN)

15 Gallon Stainless Steel Spill Containment Manhole for 6", 4", 3" & 2" Fill Pipes

Call For Information on our Heavy Duty Street Access Manholes 30", 36" & 48" Diameter Solid Covers, Dual and Triple Port Access.

FAIRFIELD INDUSTRIES, INC.

1275 BLOOMFIELD AVENUE BLDG. #10 FAIRFIELD, NJ 07004
201-227-5321 FAX 201-227-7650

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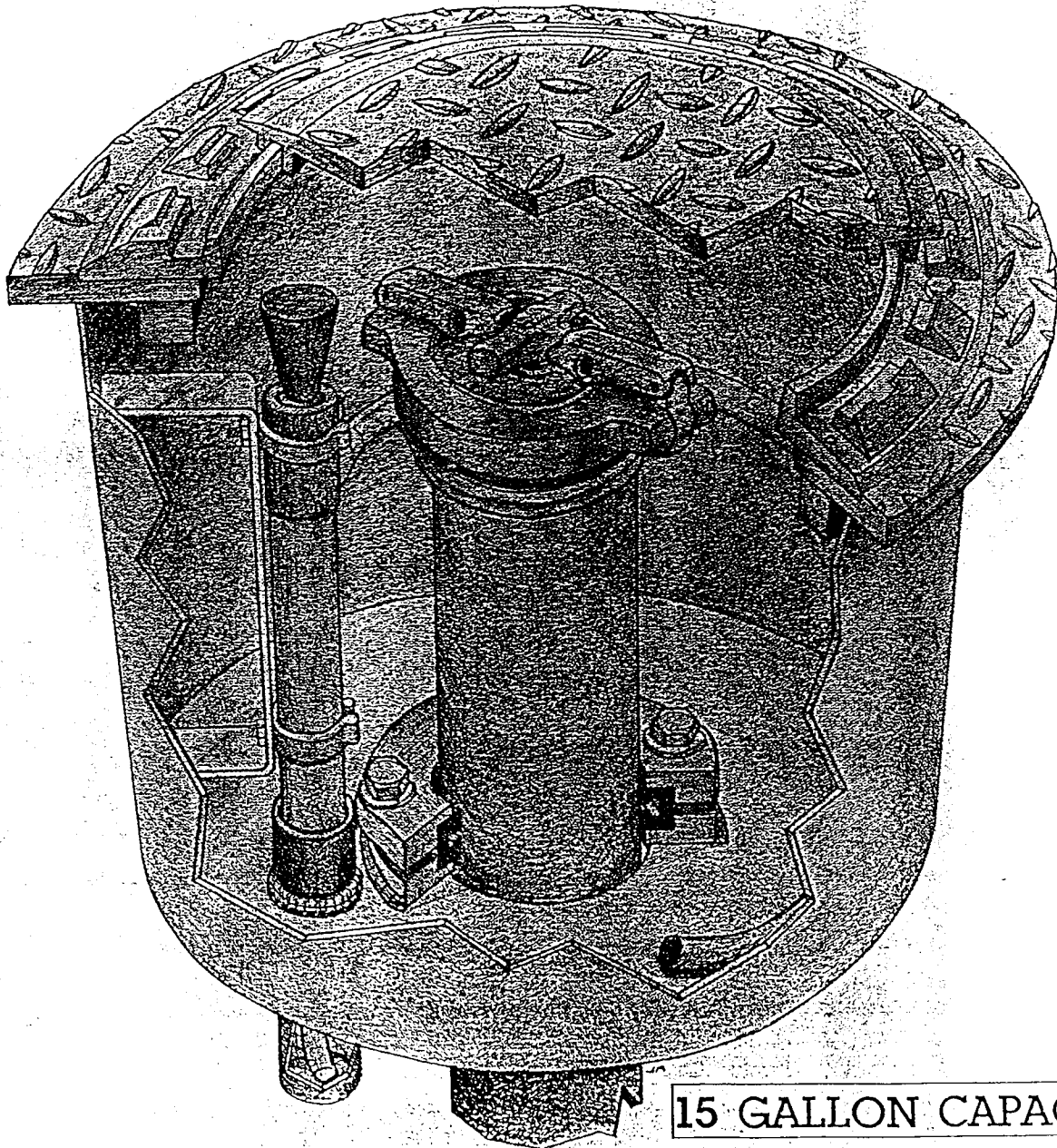
DISTRIBUTED BY:

SPILL CONTAINMENT MANHOLE

- RAIN TIGHT
- DUCTILE IRON CAST FRAME & COVER
- 15 GALLON CAPACITY
- BUILT IN TRANSFER PUMP FOR SPILLAGE

SCM 15

FOR THE LIFE OF YOUR
INSTALLATION



15 GALLON CAPACITY

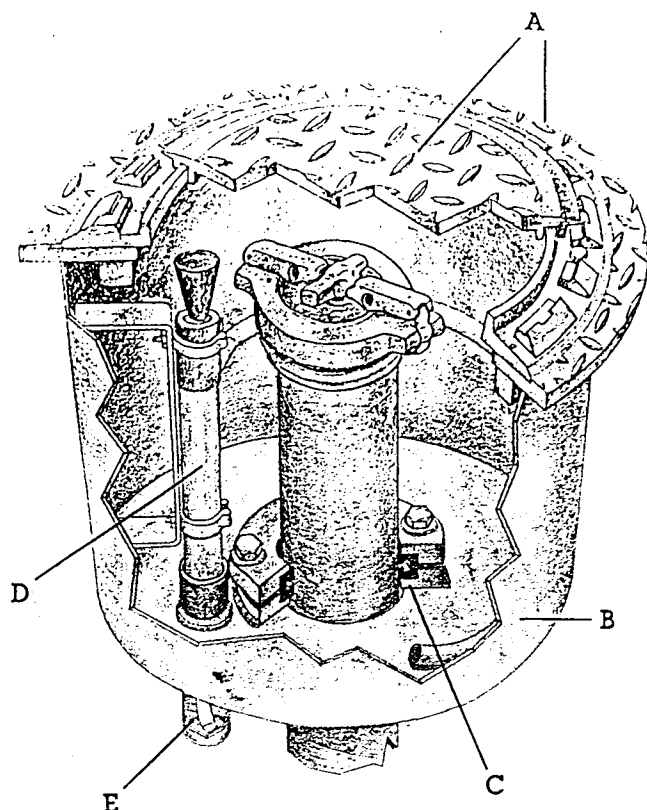


PATENT NO. 4,655,361

FAIRFIELD INDUSTRIES, INC.

1275 BLOOMFIELD AVENUE BLDG. # FAIRFIELD, NJ 07004 201-227-5321 FAX 201-227-7650

SCM 15 FEATURES:



- A. Specially Designed Water Tight Frame & Cover Assembly Cast of Tough Durable Ductile Iron. Deters Surface Waters without the use of Gaskets or O-Rings.
- B. 14 Gauge Stainless Steel 15 Gallon Container.
- C. Flexible, Double Sealing, Victaulic Buna-N Seal & Flange Assembly with Stainless Steel Bolts. Allows for Frost Heaving and Tilting with Grades.
- D. Hand Operated One Stroke Pump & Hose Assembly Made of Durable PVC Transfer of Spillage into Fill Pipe.
- E. Stainless Steel Sump.

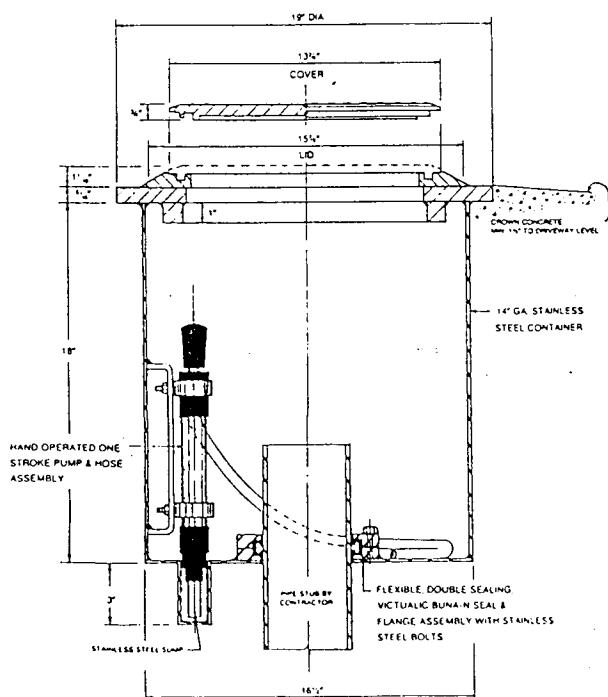
ADDITIONAL FEATURES:

- Slides Over Fill Pipes for Quick and Easy Installations
- No Deep Excavations
- No Cutting or Threading of Fill Pipes
- Does Not Interfere with Tank Integrity Tests
- Retrofits Existing Tanks Economically
- Non-Corrosive Construction
- Long Term, Little or No Maintenance
- Can be Installed on Remote Fills

OPTIONAL FEATURES

- Pipe Sizes: STD. 4" Optional 2", 3" & 6" Request Upon Ordering
- Chemical Resistant Seals & Pumps Available
- Larger Containment Capacities Available

Call for information on our heavy duty street access manholes 30", 36" & 48" diameters. Covers available: Solid, Dual and Triple access.



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DISTRIBUTED BY:

#11 Overfill Prevention Valve

OPW 61-SOR

The OPW 61-SOR overfill prevention valve is designed to be a simple, low cost solution to positive shut-off of product fill for underground storage tanks. The shut-off valve is an integral part of the 4" drop tube used for submerged filling. No extensive or expensive excavation is required. The OPW 61-SOR can easily be retrofitted into existing locations. No special manholes are required. Installing the OPW 61-SO is as simple as changing drop tubes.

The OPW 61-SOR is a two stage shut-off valve. When liquid level rises to level A the valve mechanism is released and the valve closes automatically with the flow. This reduces the flow rate to approximately 5 gpm through a bypass valve. The operator may then stop the filling process, disconnect and drain the delivery hose. As long as the liquid level exceeds A, the valve will close automatically each time delivery is attempted.

If the storage tank is overfilled to an unsafe condition and the liquid rises to level B, the bypass valve closes. No additional liquid will flow into the tank until the level drops below a reset point.

Patent No. 4,667,711
Other patents pending

The OPW 61-SOR is furnished with complete instructions and hardware for field or shop assembly.

For complete assembly and installation instructions, refer to C-3557-PA.

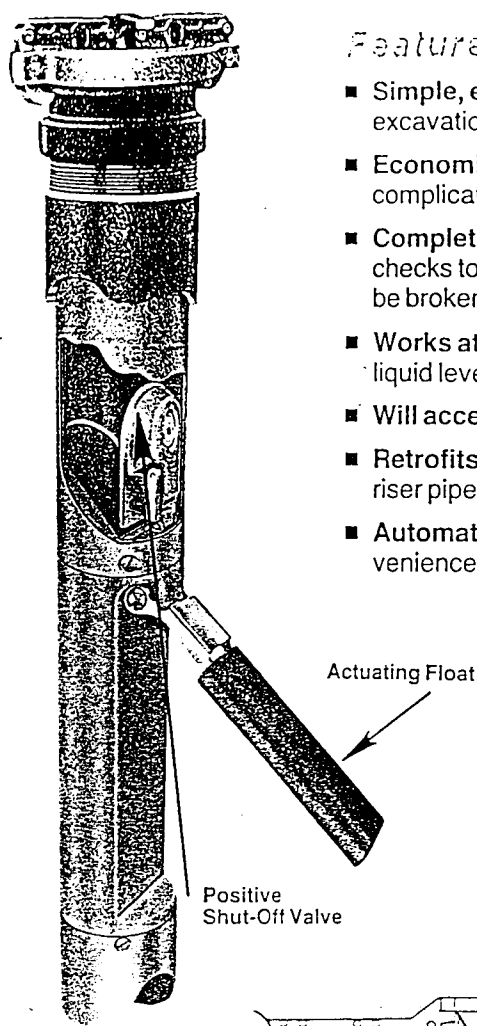
Materials

Valve body: cast aluminum
Float: nitrile rubber, closed cell foam
Valve: aluminum
Seals: viton
Upper and Lower Drop Tube: aluminum

Engineering Data

Maximum bury depth: 5 feet
Maximum tank diameter: 8 feet

SIZE: 4" 61-SO-4000 WT.: 15 lbs.



Features:

- Simple, easy and quick installation - no excavation or special manholes required.
- Economical - costs a fraction of expensive, complicated and difficult to install valves.
- Completely automatic operation - no pre-checks to perform, no resets, no overrides to be broken or abused.
- Works at all flow rates - operates directly from liquid level.
- Will accept a dipstick for gauging.
- Retrofits directly - for existing tanks and 4" riser pipes.
- Automatic hose drain - for operator convenience.

